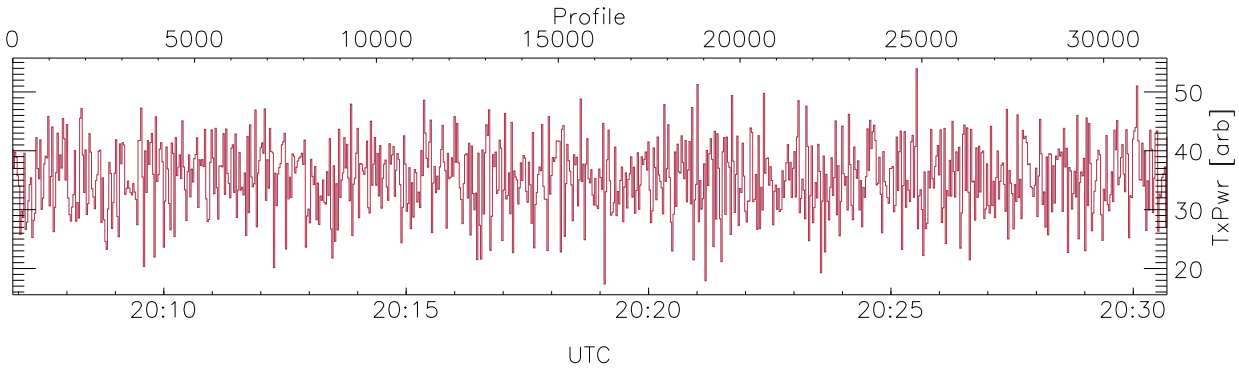
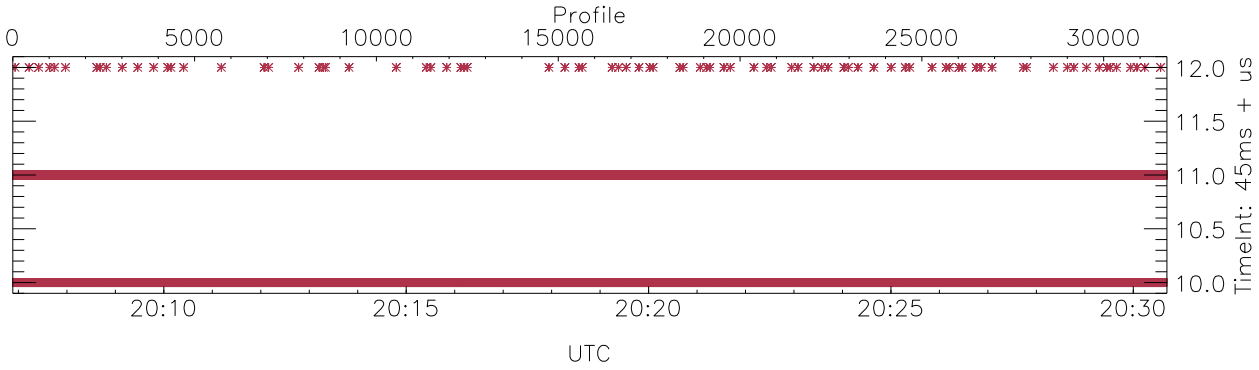
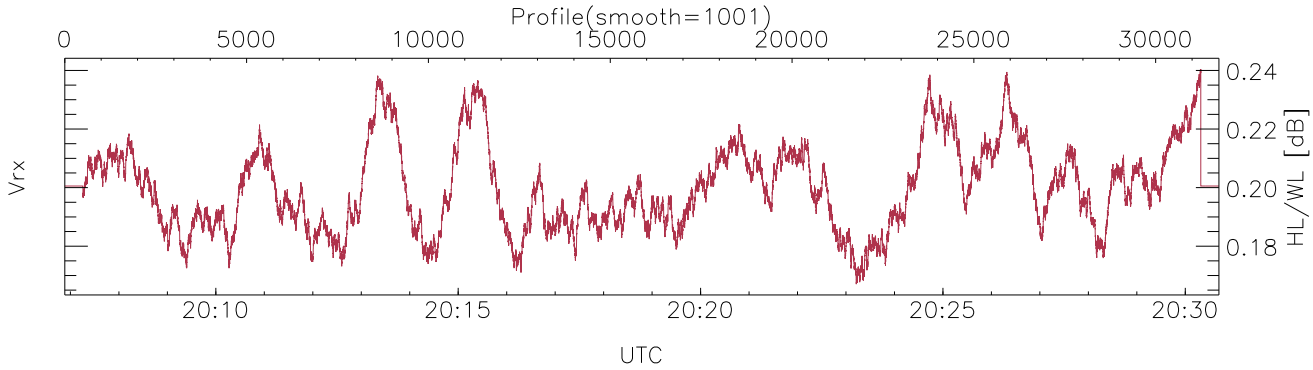
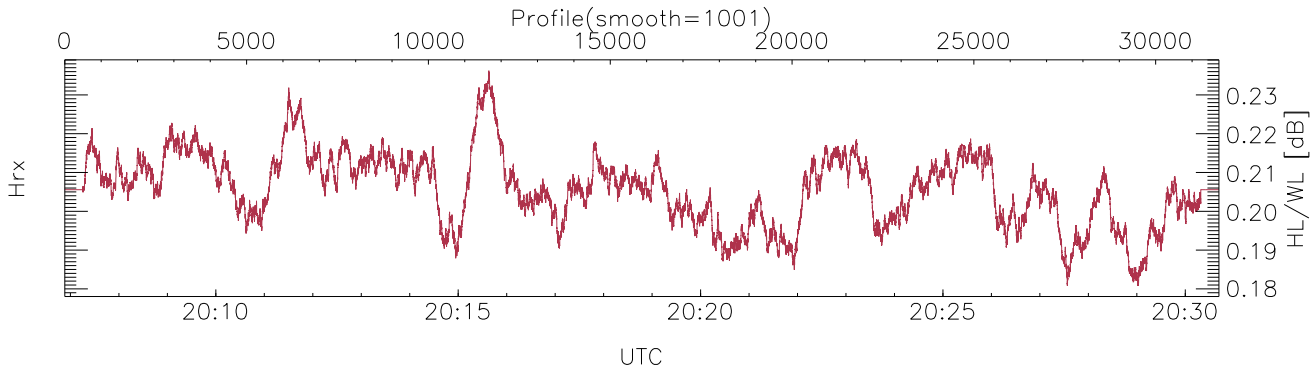


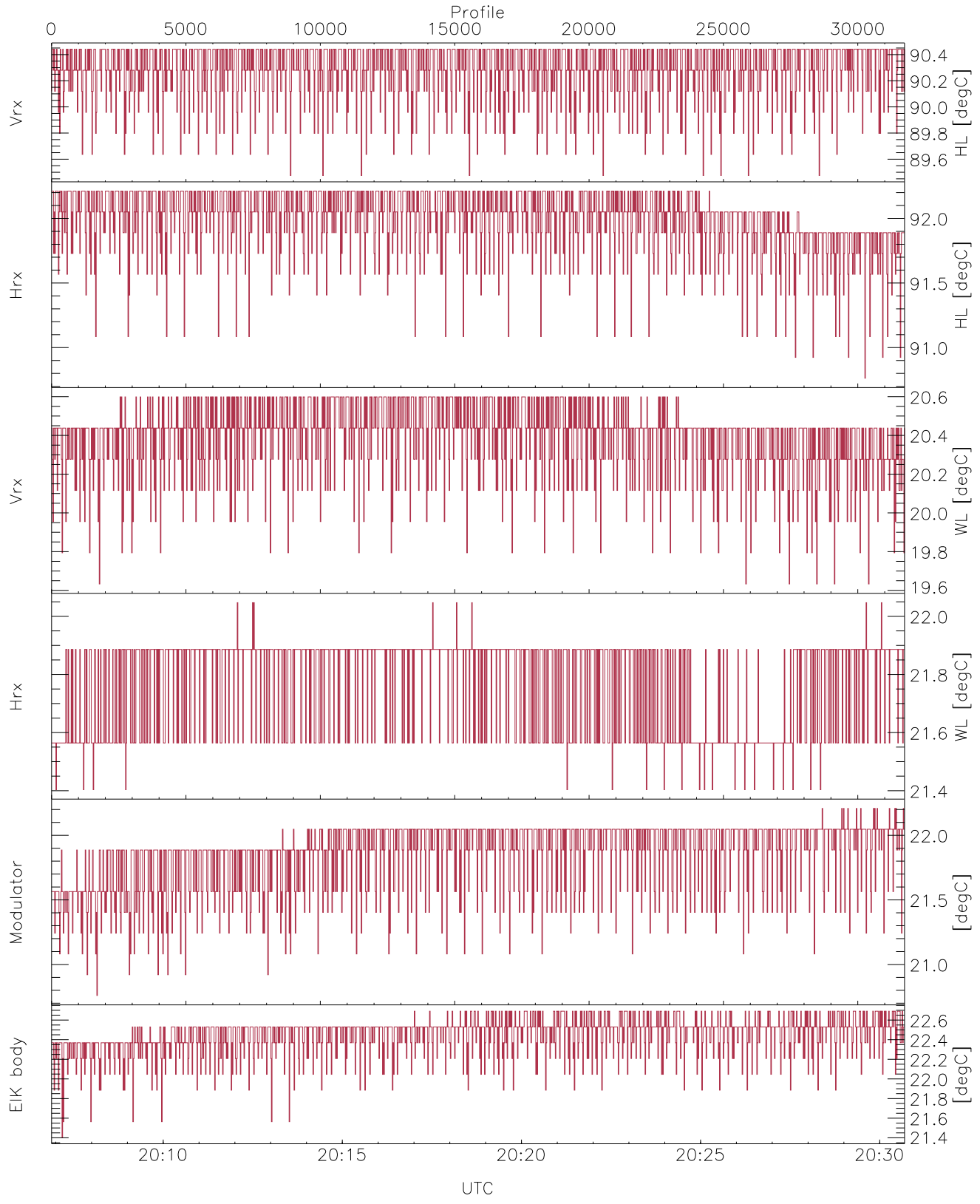






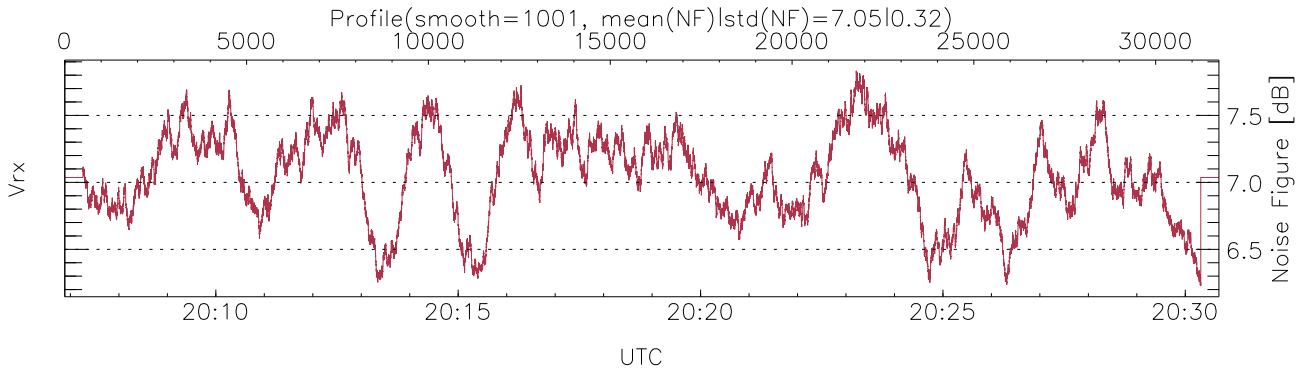
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

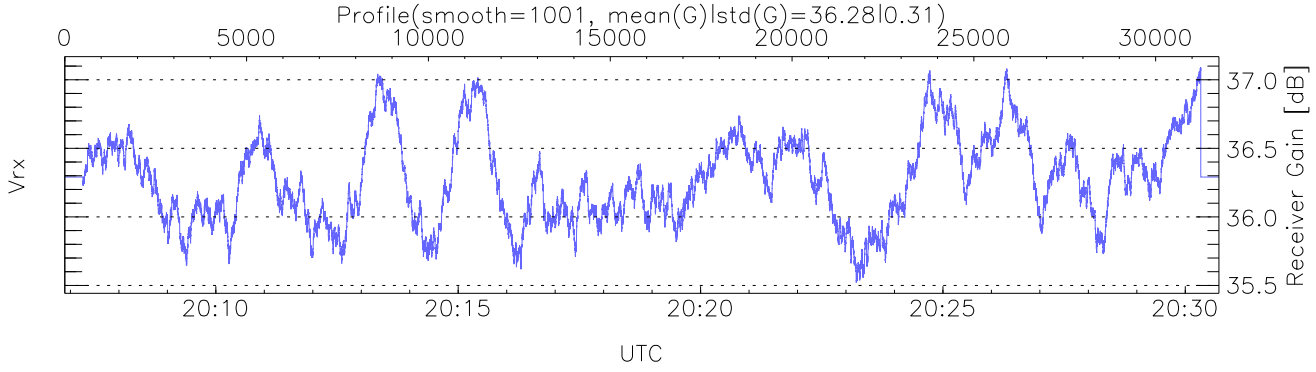
UTC: 20:06:53-20:30:42, TimeCor: 0.00s, Dur: 1428.66s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 31741/31741, 0-31740/20:06:53-20:30:42
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H1 V2 V2 V2 H2 H2 H2
PRF: 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
Range(min,max,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1

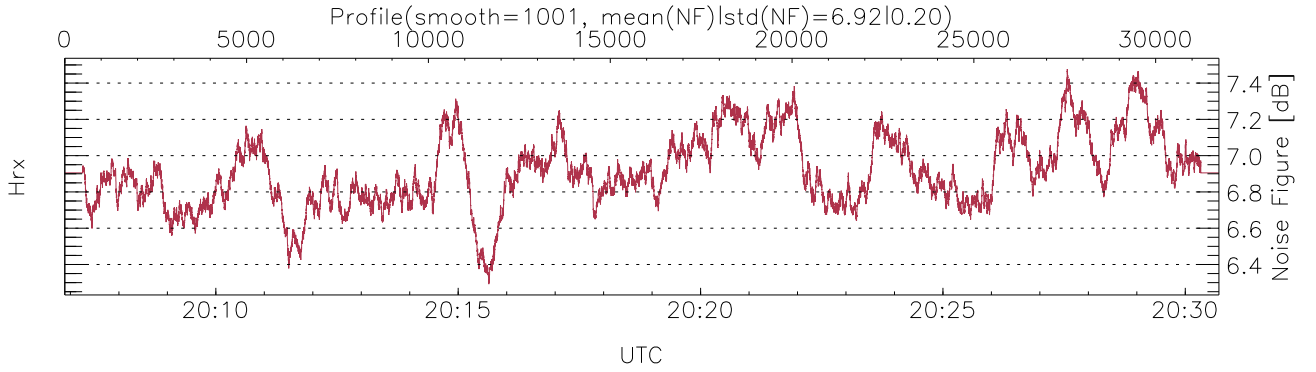


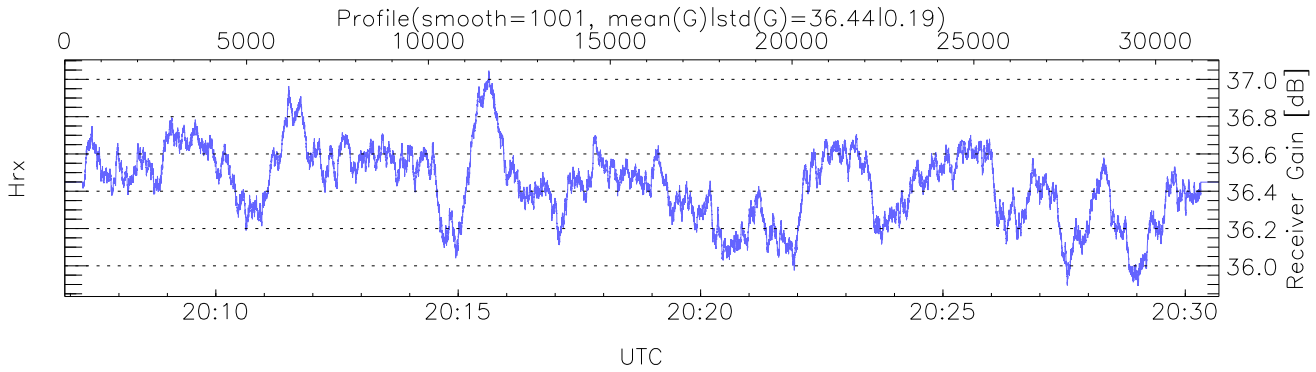
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,90,19,21,20,21
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,20,22,22,22
LOalarm(20,240,2817,14861 MHz): 0,0,24,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (46,46,68,22,90,68,68,22)



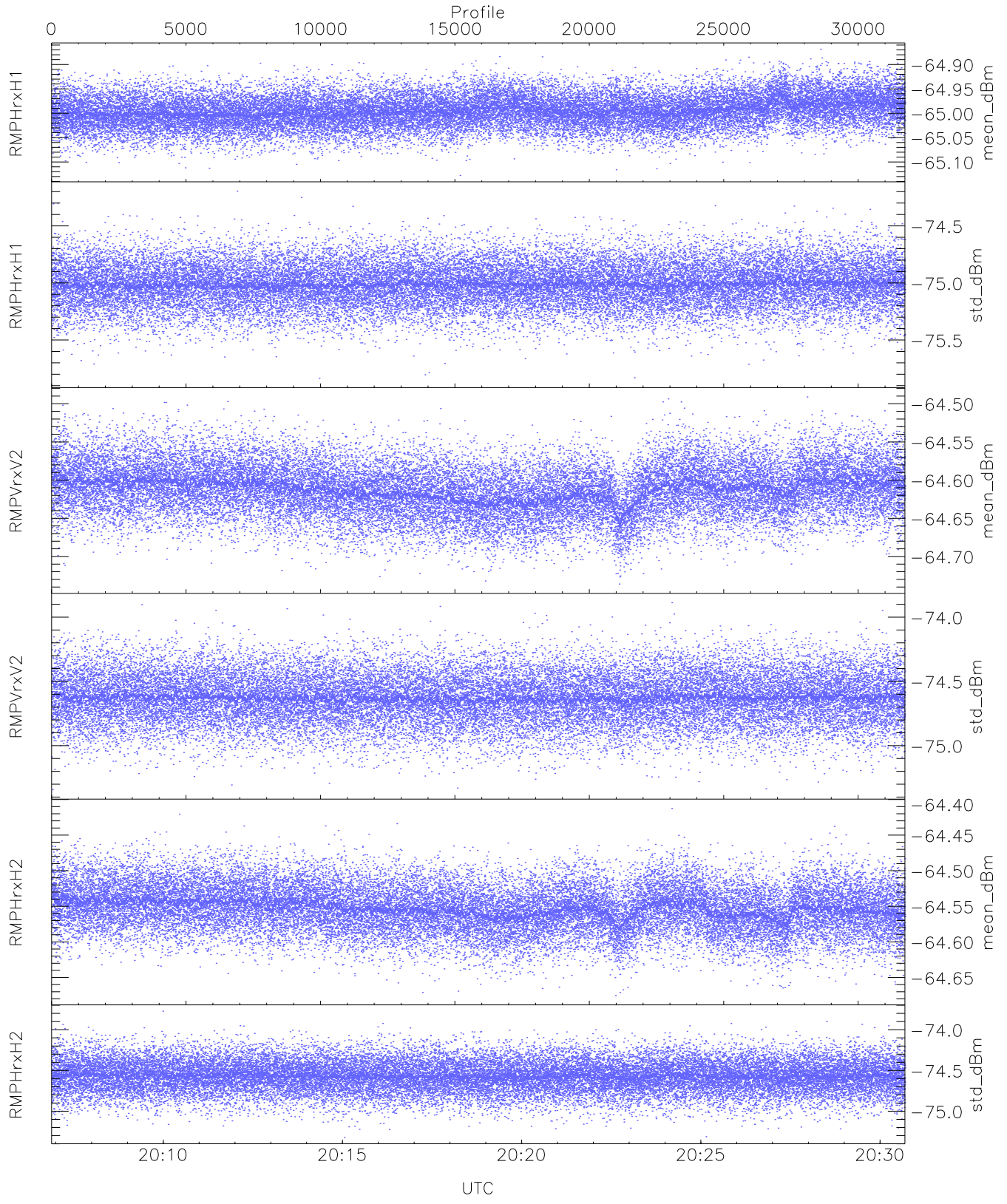






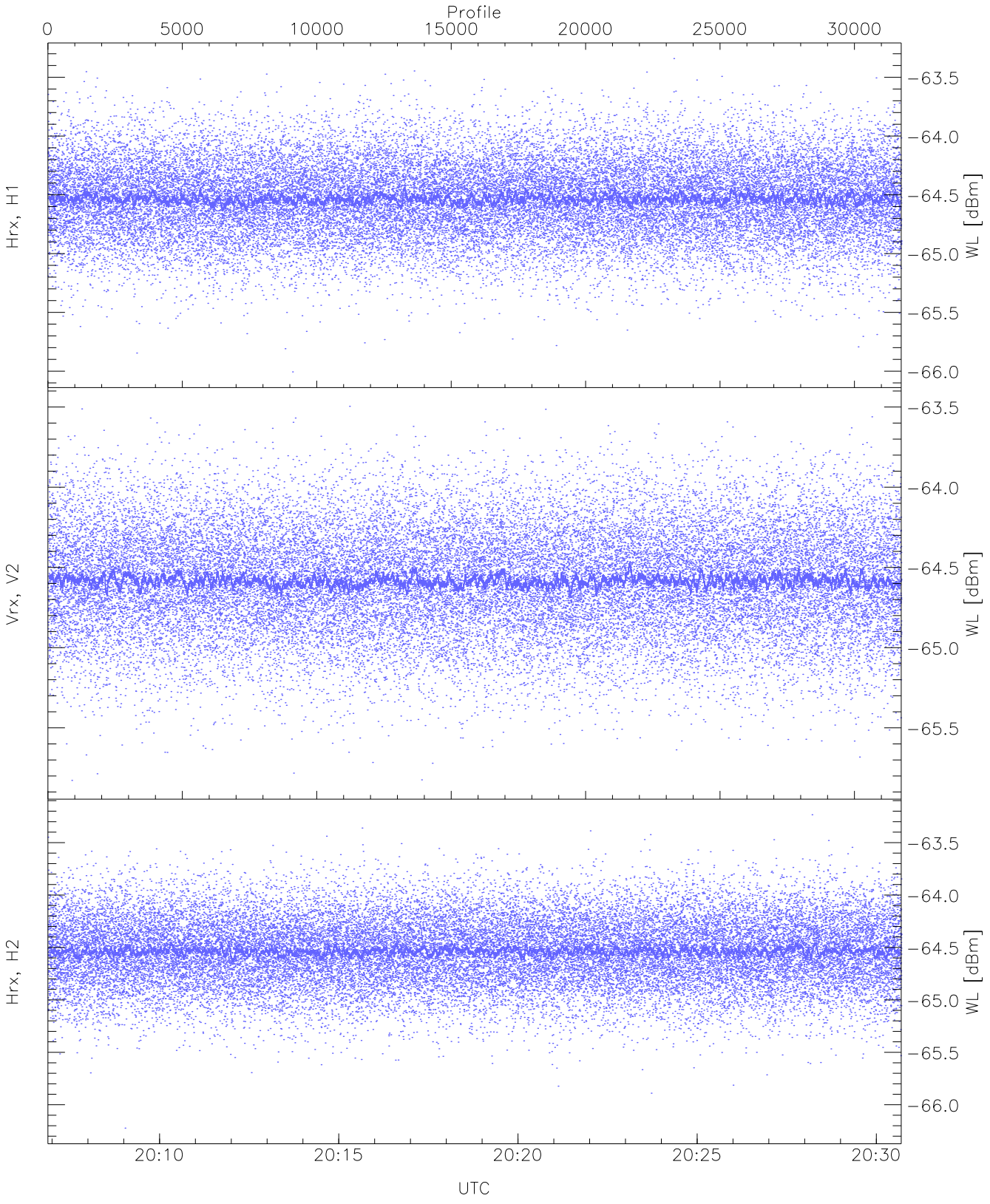
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prod(s)



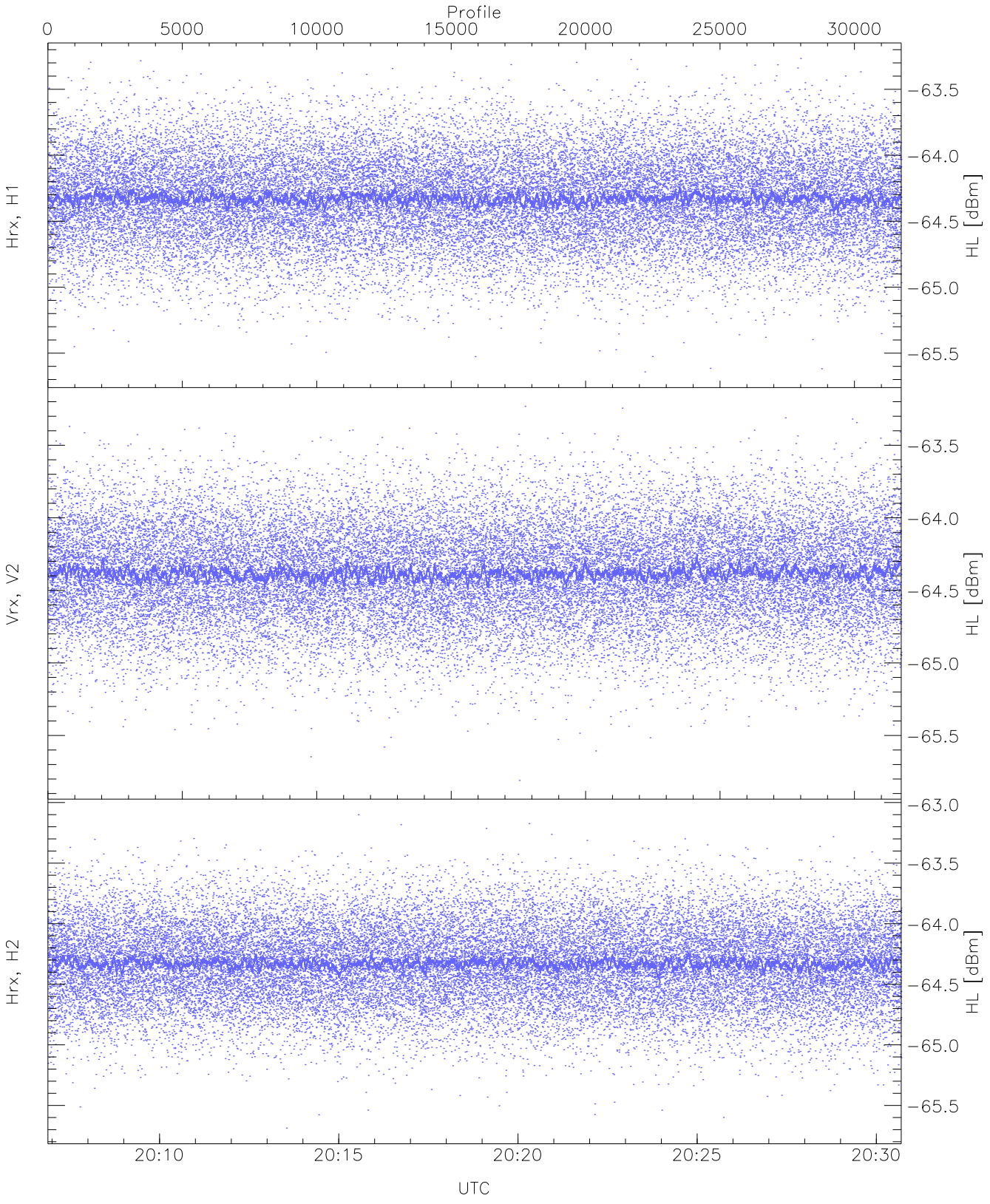
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.13	-64.87	-65.00	-65.00	-86.44
RMPHrxH1(std_dBm)	-75.83	-74.20	-75.01	-75.01	-88.83
RMPVrxV2(mean_dBm)	-64.74	-64.49	-64.61	-64.61	-85.91
RMPVrxV2(std_dBm)	-75.34	-73.89	-74.63	-74.63	-88.41
RMPHrxH2(mean_dBm)	-64.68	-64.41	-64.55	-64.55	-86.00
RMPHrxH2(std_dBm)	-75.32	-73.77	-74.57	-74.57	-88.34



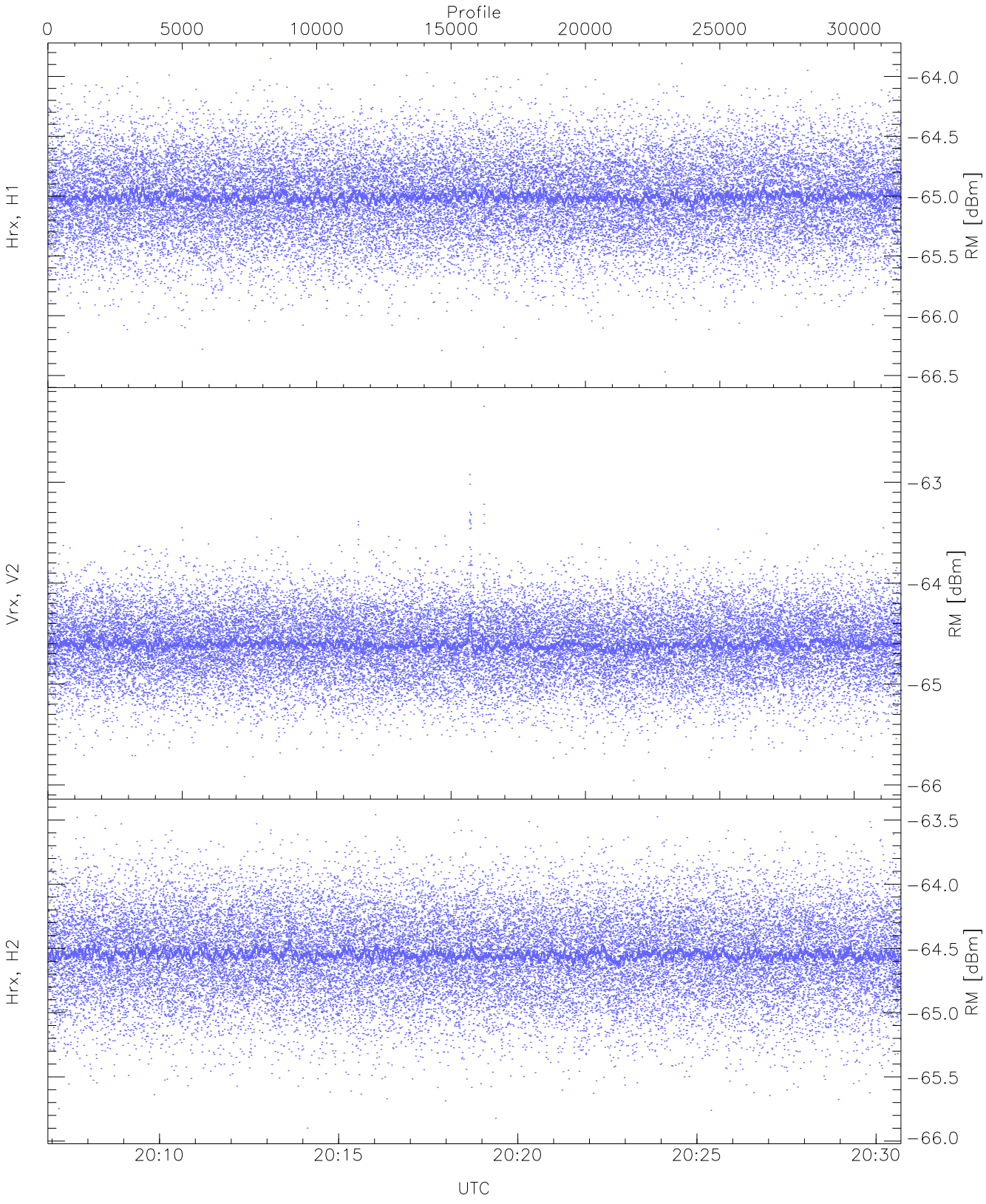
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.01	-63.34	-64.53	-64.53	-76.05
Vrx, V2(WL [dBm])	-65.83	-63.50	-64.58	-64.58	-76.10
Hrx, H2(WL [dBm])	-66.22	-63.23	-64.53	-64.54	-76.01



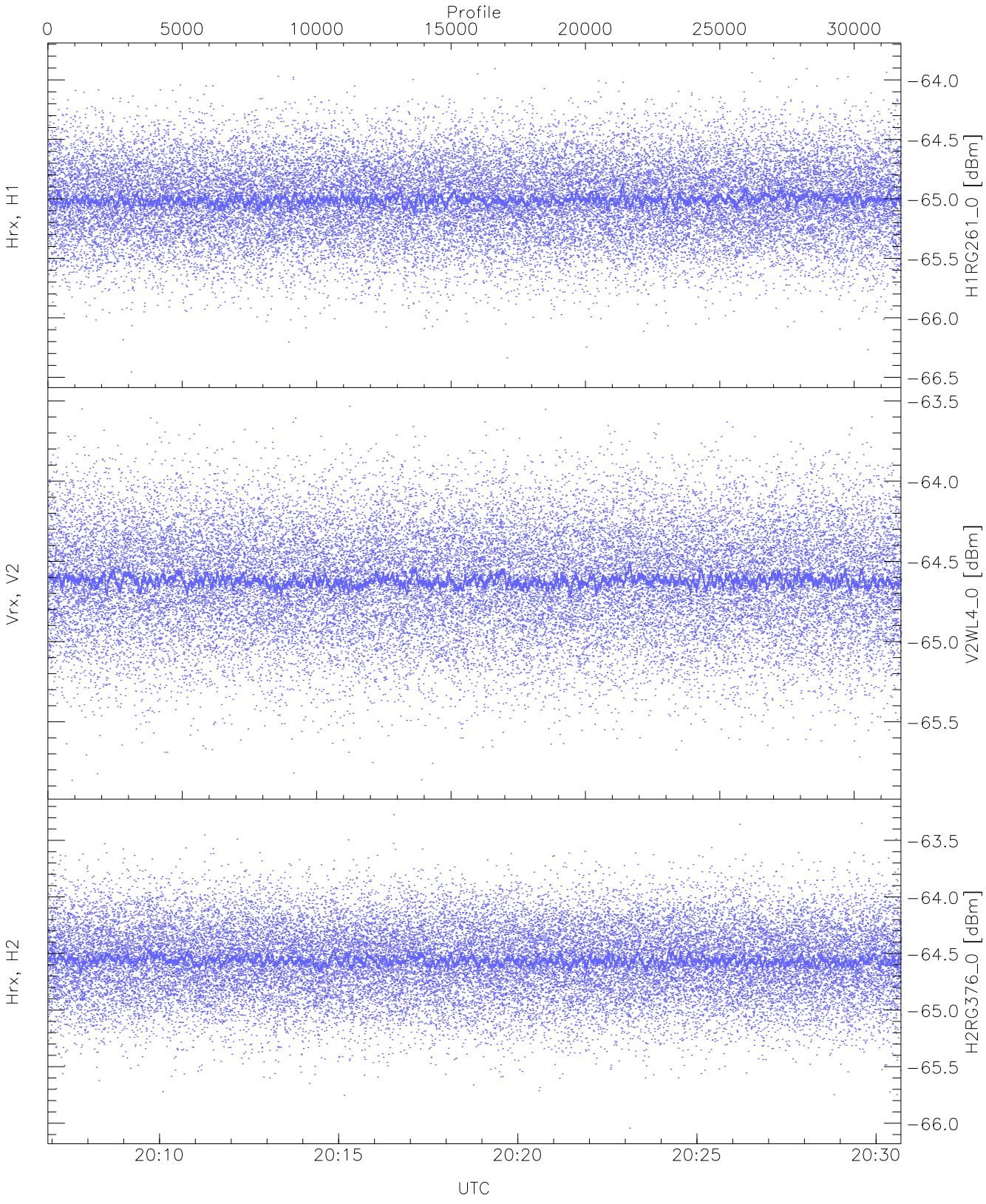
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.64	-63.27	-64.32	-64.33	-75.83
Vrx, V2(HL [dBm])	-65.81	-63.23	-64.38	-64.39	-75.88
Hrx, H2(HL [dBm])	-65.69	-63.10	-64.32	-64.33	-75.80



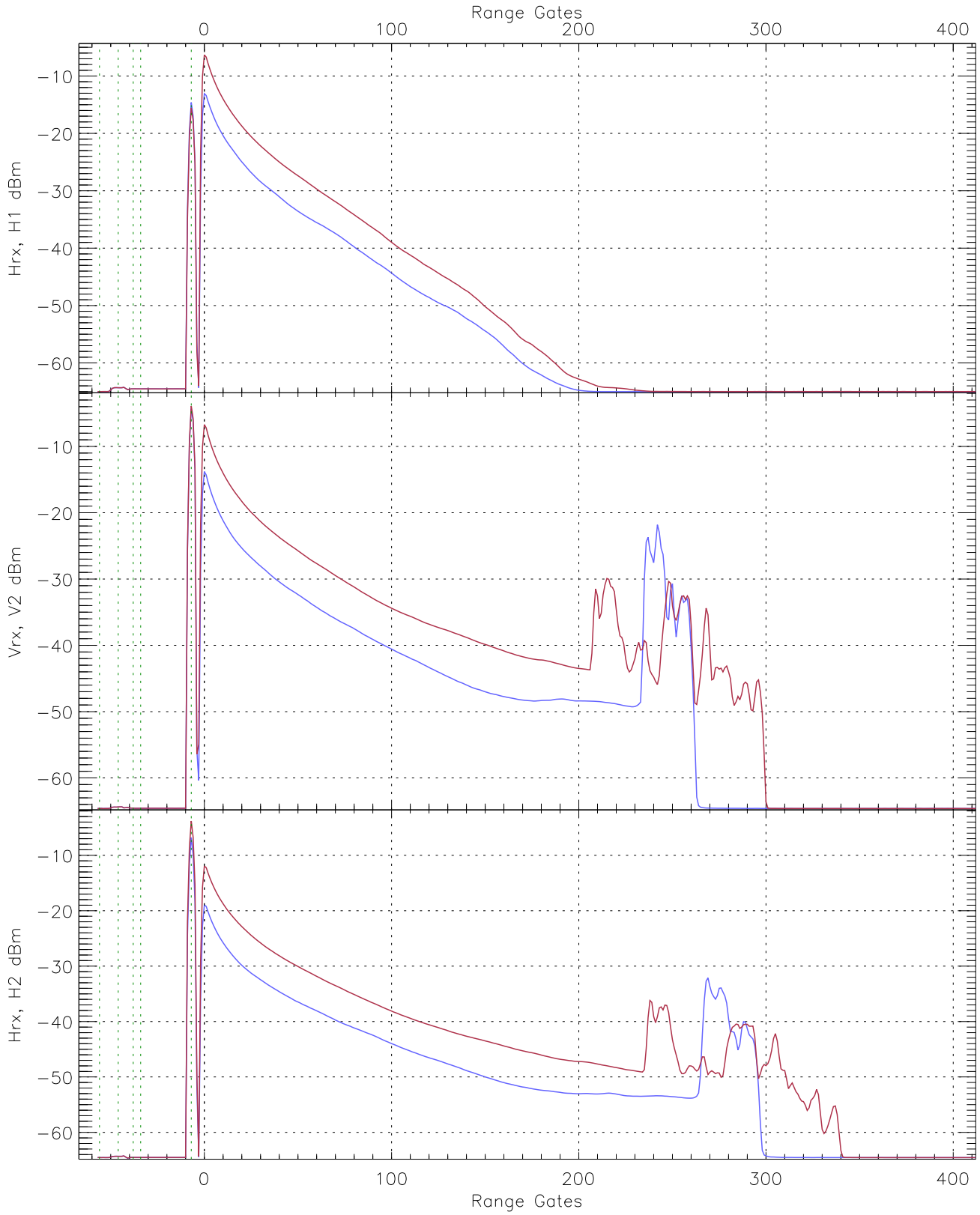
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.47	-63.85	-65.00	-65.01	-76.51
Vrx, V2(RM [dBm])	-65.96	-62.25	-64.60	-64.61	-76.05
Hrx, H2(RM [dBm])	-65.90	-63.46	-64.54	-64.55	-76.05

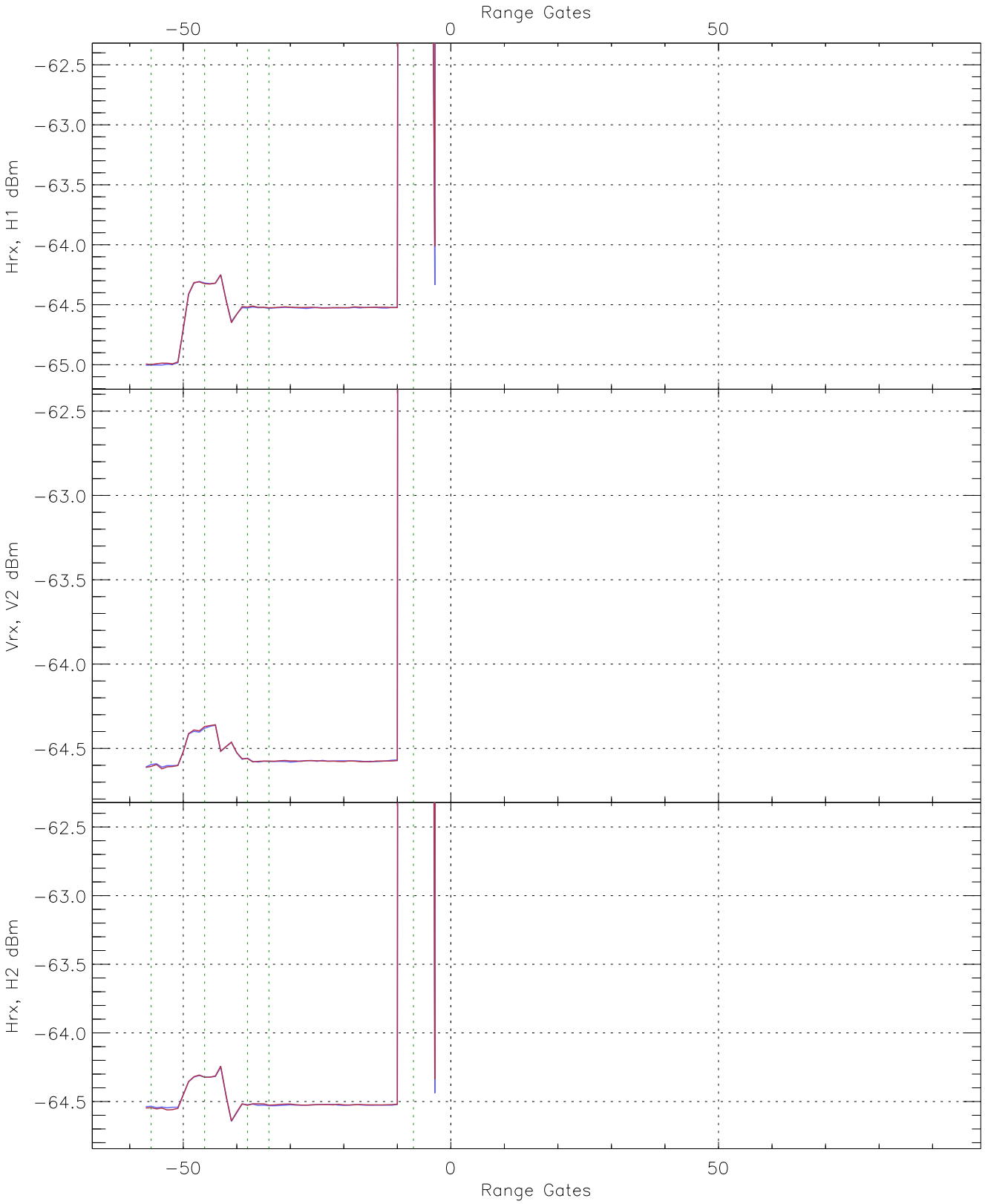


WCR3 CPP "Best" estimate Receivers Noise Power

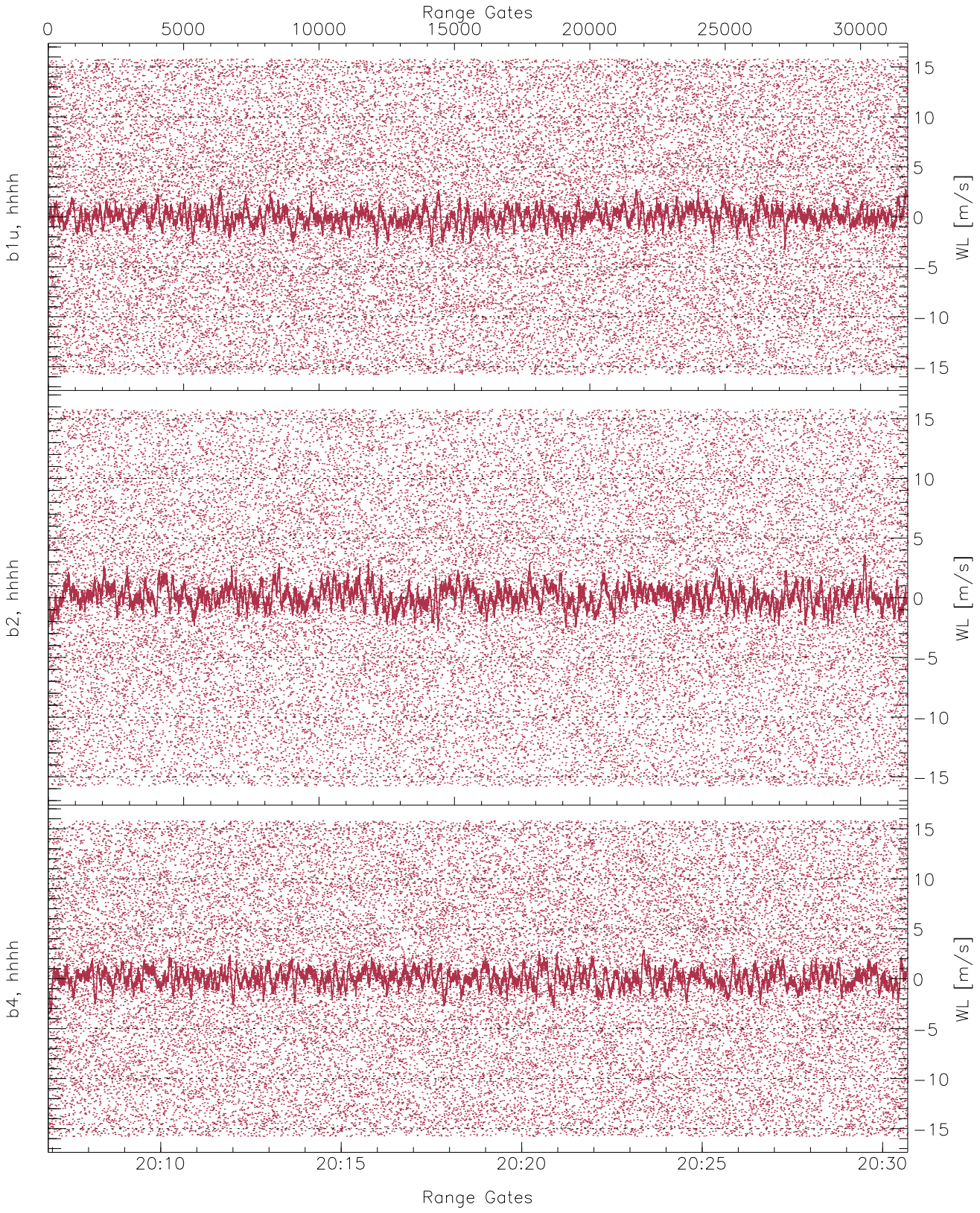
	Min	Max	Mean	Median	StDev
H1RG261_0 [dBm]	-66.45	-63.82	-65.00	-65.01	-76.51
V2WL4_0 [dBm]	-65.87	-63.53	-64.61	-64.62	-76.13
H2RG376_0 [dBm]	-66.04	-63.27	-64.55	-64.56	-76.06



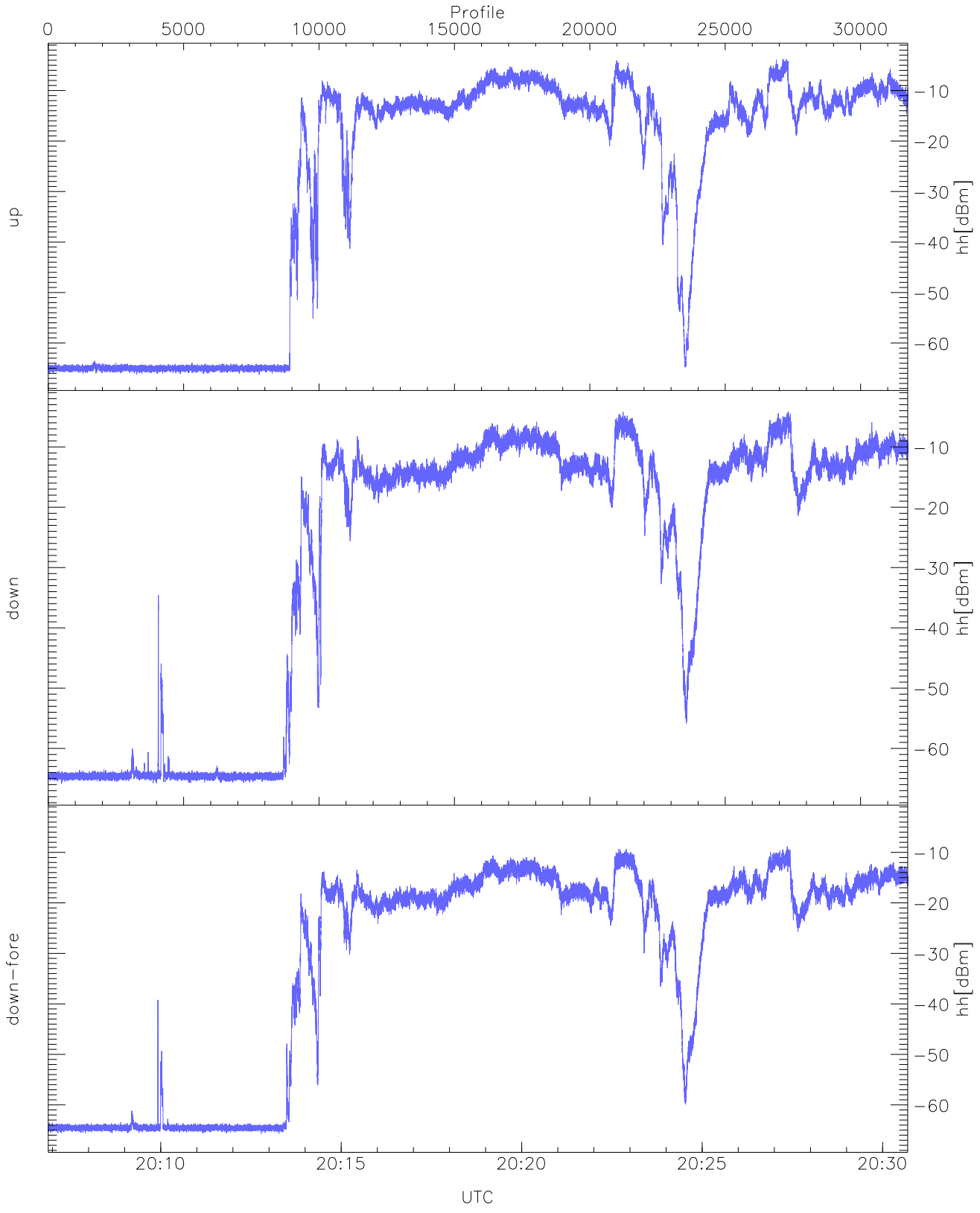
WCR3 CPP Averaged Received power for all recorded gates
blue: 200653-201847, 15871 profiles averaged
red: 201847-203042, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 200653-201847, 15871 profiles averaged
red: 201847-203042, 15871 profiles averaged

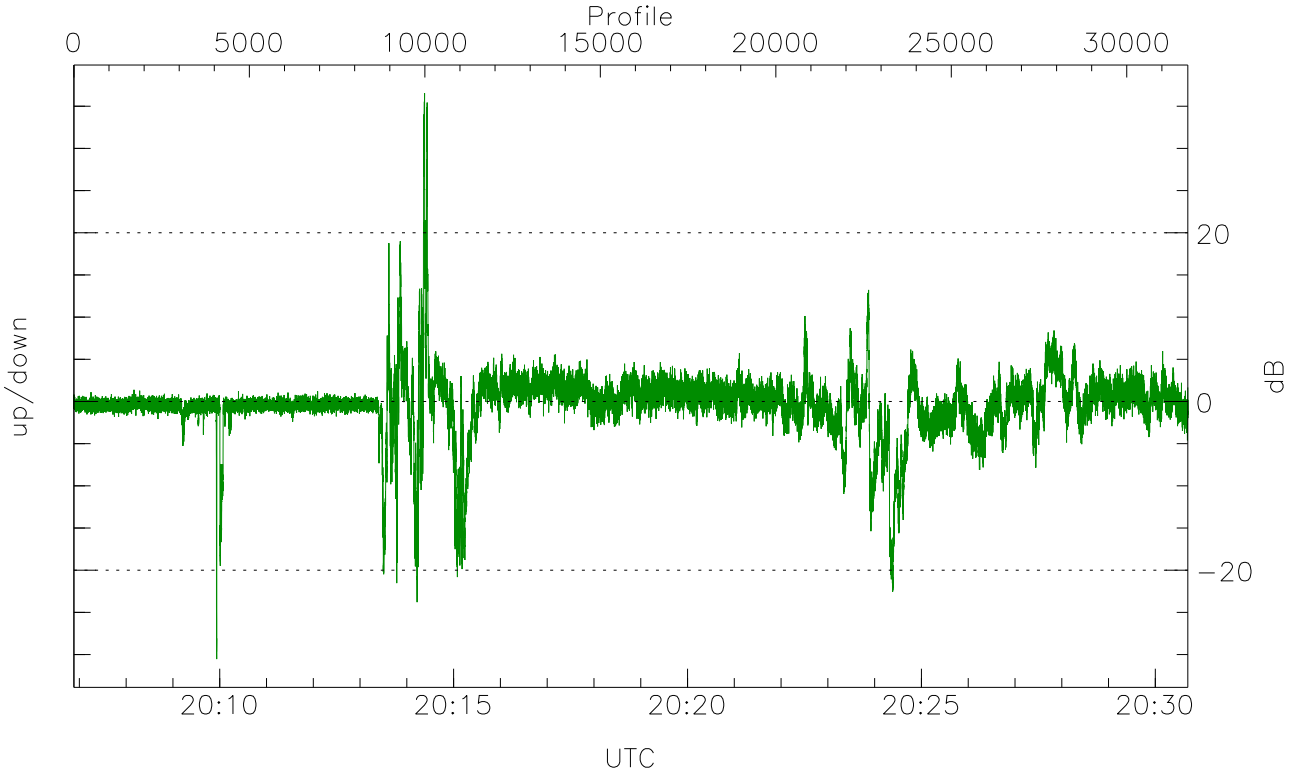


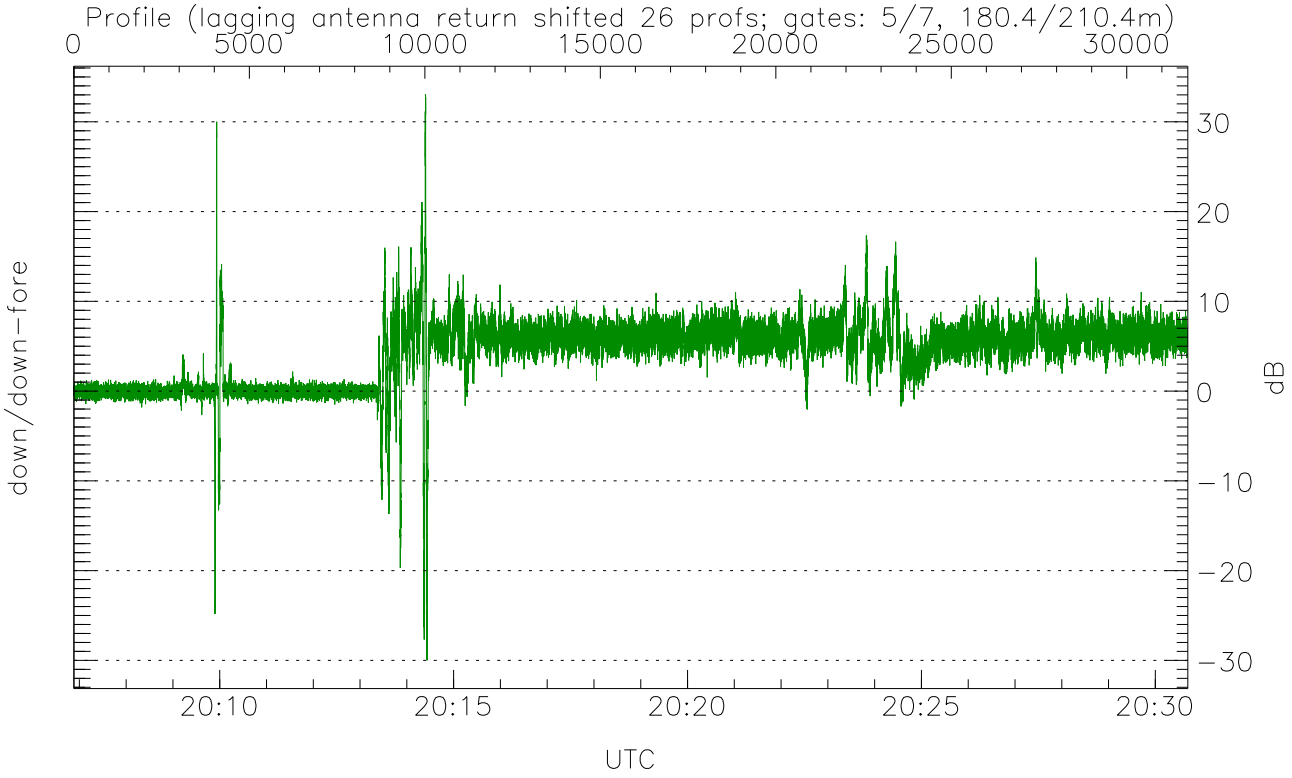
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

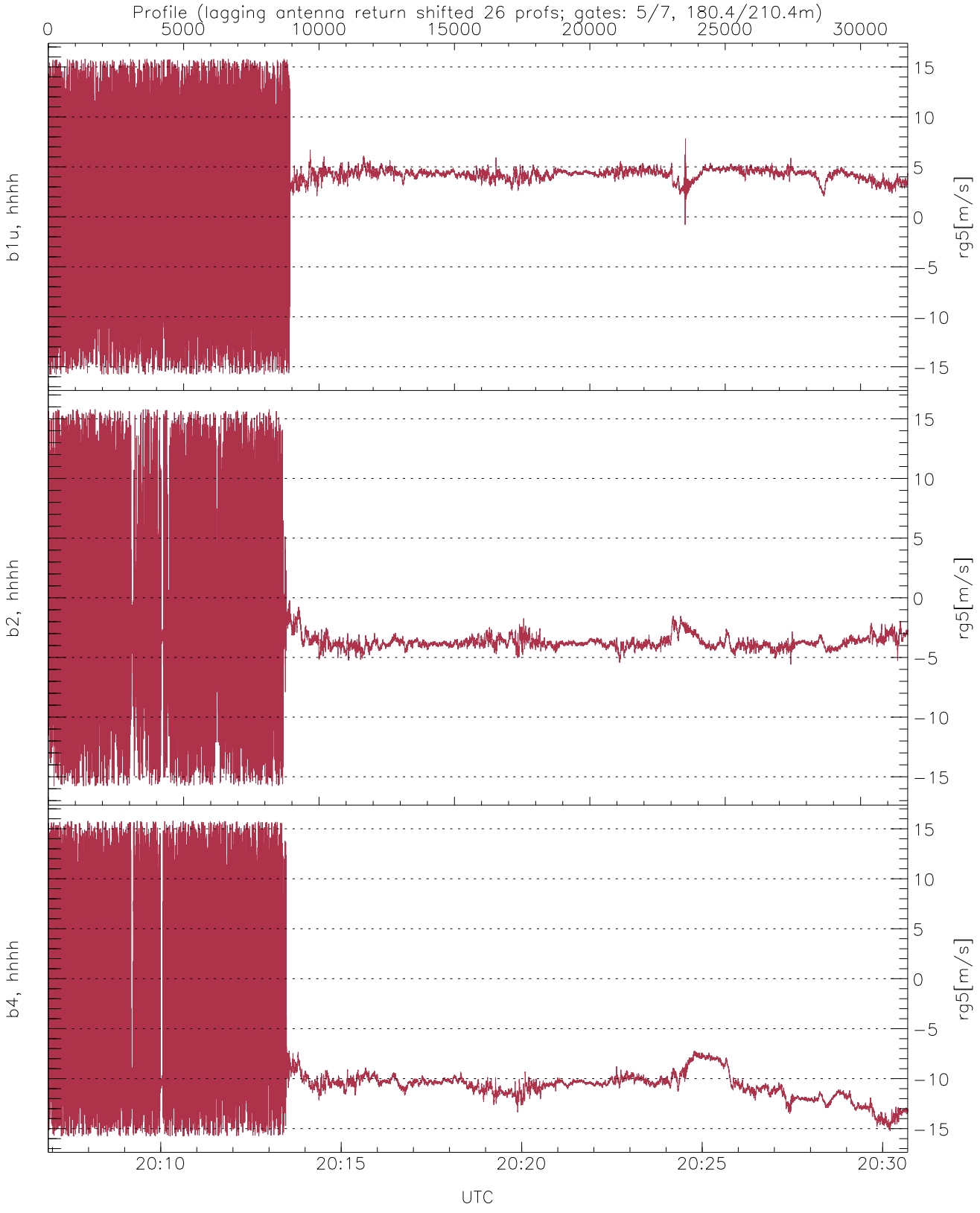
	Min	Max	Mean
up(hh[dBm])	-66.27	-3.76	-12.73
down(hh[dBm])	-65.90	-4.15	-13.15
down-fore(hh[dBm])	-65.76	-8.84	-17.93





WCR3 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down(dB)	-30.53	36.53	-0.34
down/down-fore(dB)	-29.99	33.04	4.27



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	3.11	4.96
b2, hhhh(rg5[m/s])	-15.78	15.79	-2.76	4.59
b4, hhhh(rg5[m/s])	-15.77	15.79	-7.90	6.65